

ABSTRACT

An R-T-B based sintered magnet with a reduced B concentration but with sufficiently high coercivity is provided. An R-T-B based sintered magnet according to the
5 present invention has a composition including: 27.0 mass% to 32.0 mass% of R, which is at least one of Nd, Pr, Dy and Tb and which always includes either Nd or Pr; 63.0 mass% to 72.5 mass% of T, which always includes Fe and up to 50% of which is replaceable with Co; 0.01 mass% to 0.08 mass% of Ga; and
10 0.85 mass% to 0.98 mass% of B.